IN THE CLAIMS:

Please AMEND claims 1, 10 and 11, as follows.

1. (Currently Amended) A both-side recording apparatus with a sheet transport mechanism having a sheet transport roller and a pinch roller pressed against the sheet transport roller, a sheet discharge roller arranged on the downstream side of the sheet transport roller in a transport direction, and a rotating body pressed against the sheet discharge roller, characterized in that a recording medium is transported to a position where a rear end of the recording medium is released from the sheet transport roller when a first surface is recorded at first, and then the recording ~~paper~~ medium is transported to a paper inversion unit in such a manner that the recording medium is transported by the sheet discharge roller toward a reverse direction while the sheet transport roller and the pinch roller are separated so that the recording medium moves between the sheet transport roller and the pinch roller without contacting with the pinch roller, and then the pinch roller is pressed into contact with the recording medium again to further continue the transport in the reverse direction.

2. (Original) A both-side recording apparatus according to claim 1, wherein a gap between the sheet transport roller and the pinch roller is set larger than an amount of deformation of the recording medium after the first surface of the recording medium is recorded.

3. (Previously Presented) A both-side recording apparatus according to claim 1, wherein the transportation of the recording medium is started toward the reverse direction after a predetermined time elapsed from termination of the recording of the first surface of the recording medium.

4. (Original) A both-side recording apparatus according to claim 1, wherein a second predetermined time is longer than a first predetermined time, when the recording medium is transported to a paper inversion unit in such a manner that the sheet transport roller and the pinch roller are released after the first predetermined time elapsed from the termination of the recording of the first surface in the recording medium, a rear end of the first surface is transported toward the reverse direction beyond a nip portion of the sheet transport roller, the transport of the recording medium is stopped for the second predetermined time, and then the sheet transport roller is pressed into contact with the pinch roller again to further continue the transport in the reverse direction.

5. (Original) A both-side recording apparatus according to claim 1, wherein a fourth predetermined time is longer than a third predetermined time, when the recording medium is transported to the paper inversion unit in such a manner that the sheet transport roller and the pinch roller are released after the third predetermined time elapsed from the termination of the recording of the first surface in the recording medium, the rear end of the first surface is

transported toward the reverse direction beyond the nip portion of the sheet transport roller, the sheet transport roller is pressed into contact with the pinch roller again, the transport of the recording medium is stopped for the fourth predetermined time, and then the transport of the recording medium in the reverse direction is resumed.

6. (Original) A both-side recording apparatus as in any one of claims 1 to 5, wherein the recording is performed to the recording paper by inkjet recording means for discharging ink from a discharge port.

7. (Previously Presented) A both-side recording apparatus as in any one of claims 1 to 5, wherein the total time from the termination of the recording of the first surface to the termination of the second predetermined time or the fourth predetermined time can be changed by density per unit area of data recorded on the first surface.

8. (Previously Presented) A both-side recording apparatus as in any one of claims 1 to 5, wherein the total time from the termination of the recording of the first surface to the termination of the second predetermined time or the fourth predetermined time can be changed based on a kind of ink used in the recording.

9. (Previously Presented) A both-side recording apparatus as in any one of claims 1 to 5, wherein the total time from the termination of the recording of the first surface to the termination of the second predetermined time or the fourth predetermined time can be changed based on conditions of atmosphere such as ambient temperature and ambient humidity.

10. (Currently Amended) A both-side recording apparatus as in any one of claims 1 to 5, wherein the total time from the termination of the recording of the first surface to the termination of the second predetermined time or the fourth predetermined time can be changed based on the kind of ~~the~~ recording medium.

11. (Currently Amended) A both-side recording apparatus including:

a first transport roller which transports a sheet of a recording medium toward a predetermined transport direction;

a pinch roller which cooperates with the first transport roller to support the sheet while sandwiching the sheet;

recording means for using a recording head discharging ink on the downstream side of the first transport roller in the transport direction to perform the recording to the sheet transported by the first transport roller;

a second transport roller which transports the sheet on the downstream side of the recording means in the transport direction;

separating means for separating the pinch roller from the first transport roller;

control means for controlling the first transport roller, the second transport roller, and the separating means;

a rotating body which cooperates with the second transport roller to support the sheet while sandwiching the sheet; and

inversion means which inverts the sheet transported by the first transport roller toward the direction opposite to the transport direction and transports the sheet to the first transport roller,

characterized in that a ~~recording medium~~ sheet is transported to a position where a rear end of the ~~recording medium~~ sheet is released from the ~~sheet~~ first transport roller when a first surface is recorded at first, and then the ~~recording paper~~ sheet is transported to ~~a paper~~ the inversion ~~unit~~ means in such a manner that the ~~recording medium~~ sheet is transported by the ~~sheet discharge~~ second transport roller toward a reverse direction while the ~~sheet transport~~ first transport roller and the pinch roller are separated so that the sheet ~~recording medium~~ moves between the ~~sheet~~ first transport roller and the pinch roller without contacting with the pinch roller, and then the pinch roller is pressed into contact with the ~~recording medium~~ sheet again to further continue the transport in the reverse direction.

12. (Previously Presented) A both-side recording apparatus according to claim 11, wherein the recording is performed by the recording means while the rear end of the sheet is

located on the downstream side of the nip of the first transport roller and the pinch roller, the sheet is transported in the reverse direction of the transport direction by the second transport roller until the rear end of the sheet passes between the first transport roller and the pinch roller, the sheet is temporarily stopped, and then the first transport roller and the pinch roller support the sheet while sandwiching the sheet and transport the sheet to the inversion means.

13. (Previously Presented) A both-side recording apparatus according to claim 11, wherein the recording is performed by the recording means while the rear end of the sheet is located on the downstream side of the nip of the first transport roller and the pinch roller, the sheet is transported in the reverse direction of the transport direction by the second transport roller until the rear end of the sheet passes between the first transport roller and the pinch roller, the sheet is stopped for a predetermined time, and then the first transport roller and the pinch roller support the sheet while sandwiching the sheet and transport the sheet to the inversion means.

14. (Previously Presented) A both-side recording apparatus according to claim 11, wherein the recording is performed by the recording means so that a blank space remains in a rear end portion of the sheet while the rear end of the sheet is located on the downstream side of the nip of the first transport roller and the pinch roller, the sheet is transported in the reverse direction of the transport direction by the second transport roller until the rear end of the sheet

passes between the first transport roller and the pinch roller, then the sheet is stopped for a predetermined time while the blank portion of the sheet is sandwiched by the first transport roller and the pinch roller, and then the sheet is transported to the inversion means.